Proceedings of the Madras Government, Public Works Department,
19th November 1875.

No. 446. Read the following letter from Major H. M. VIBART, R.E, District Engineer, Bangalore, to Major-General G. W. WALKER, R E, Chief Engineer, Public Works Department, dated Bangalore, 12th November 1875, No 132 —

I HAVE the honor to forward herewith, for sanction, an estimate of Rupees 340 with plan and specification for constructing a latrine for barrack guard at French Rocks

2. The plan and estimate have been prepared at the requisition of the Major-General Commanding the Division, and have met with the approval of His Excellency the Commander-in-Chief.

3 I am unable to point out the source from which the cost of the work can be met, as the allotment under the head Minor New Work for the current official year has already been exhausted

No. 447. ORDER THEREON, 19th November 1875, No 3,309.

MILITARY WORKS, No 13

SANCTIONED, the expenditure being met from the extra allotment of Rupees 2,000 for Minor New Works, Military, granted in G O, No 3,270, of 16th November 1875

(True Extract.)

(Signed) G. W. WALKER, Major-General, R E,
Secretary to Government.

To the District Engineer, Bangalore
„ Controller of Public Works Accounts.

Exd E C Shunker
Spare Copies

Imperial Military Original work

Detail Estimate No: 128 of 1875/76.

District Bangalore.

Work: Constructing a Latrine for Barracks Guard at French Rocks.

Vide Asstt Dr Mr Lyl No: Dtd No: 287 dy 14th July 1875

Particulars of work No: Contents Estd

L B D

Excavation

	Long walls	3	1½	2½ 2	180
	End wall 1st room	2	7	2½ 2	70
	Do 2½ room	2	4	2½ 2	40
	Screen wall	1	10	1½ 2	30
	Sides walls of cattle store	1	8¾	1 1	8¾
	Total cft of Excavation				328¾

N. B. The earth excavated from the foundation and floor of 2½ room shall be used for Basement Filling of the first room hence no separate item

Brick in Chunam

	Filling Foundation as for excavation				328¾
Basement.	Long walls	3	11½	2 1	69
	End walls	2	7½	2 1	30
	Do 2½ room	2	4½	2 1	18
Superstructure.	Long walls	2	11	1½ 8	264
	End walls	2	8	1½ 6	144
	Long wall 2½ room	1	8	1½ 3¼	39
	Carried over				890¾

Particulars of work	Measurements No.	L	B	D	Contents	Total
Brought Over					892¼	
Superstructure. End walls 2d room	2	6½	1½		136½	
Screen wall	1	10	1	6½	65	
Coping to Do	1	10	½	½	7½	
Side wall of earth closet	2	11	½	3	10 75/96	
Total					1116¼	
Deduction						
Arch way	1	1½	2½		22½	
Do	1	1½	2¼	6	20¼	
Opening for Bulls eye with both walls	3	1½	1½		5⅞	
Do in basement for removing tabs	3	1¼	¼		13⅛	
Arch work	3	6¼	1½	¼	35 5/32	
Do for bulls eye	3	2½	1½	¼	8 7/16	
Total Deductions					104 53/96	
Total Qty of brickwork Superficial					1008 25/96	
Total Qty of brickwork					1015 9/32	
Total Qty of Arch work					43 19/32	
Open tile work						
Do Gable ends 1st room	2	8	..	1¼	20	
Do rear wall of Gangway	2	8	..	2	32	
Do rear wall of Gangway	1	8	..	2	16	
Total Qty of open tile work					68	
Deduct work as 1/8						
Plastering						
Latrine inside	2	32	..	6	192	
	2	8	..	2	32	
Gangway Do	1	8	..	9	72	
	1	8	..	5	40	
	2	5	..	7	70	
				C.C.	406	

Particulars of work	Measurement No.	L	B	D	Contents	Total
Brought Over					496	
Sidewall of earth closet inside	1	10	..	6½	65	
Front wall of latrine outside	1	11	..	8	88	
Sidewall of Do Do	2	11		6	132	
Rear wall of Gangway	1	11	..	3¼	35¾	
Ends of Do	2	6½	..	7	91	
Basement all round		55¾			55¾	
Screen wall both sides	1	10	2	7½	150	
Total Qty of Plastering with cheman					10.04 23½	
Total Qty of white & color washing 2 coats					10.04 23½	
Flooring with asphalt upon a base of concrete consolidated to a depth of 3 inches	1	8	8	..	64	
Total Qty of asphalt flooring					64	
Stone slabs over openings	3	1¾			5¼	
Sides of holes	6	1¼			7½	
Do	3	1½	1½	4	4½	
Bottom of Do	3	2¼			6¾	
Total Qty of Stones					24	
Qty of stones for steps	2¼ × 12 × 6				1	
Teakwood troughs complete	3				3	3
Do Do	1				1	1
Woodwork.						
Rafters to Latrines	6	7	3	4	3-6-0	
Do to latrine & gangway	6	13	3	4	6-6-0	
Collar pieces to Couples	6	5½	2½	3	1-8-7½	
wall plates to latrines	2	9	4	2	1-0-0	
Do to Gangway	1	9	3½	5	1-1-1½	
Total Qty of Teakwood wrought & unwrought					13-9-9	
Roofing						

Particulars of work | Measurement Contract Estab | No. L B O

Roofing

Front slope	1	11½	7½	86¼
Rear Do.	1	11½	13½	155¼
Estab Sqrs of Roofing with pan tiles and teak rafters				241½

Constructing cistern & drain with brick in chunam to receive spouts through the wall and stone plats to bottom and sides of cistern with wooden covering also asphalting the drain throughout ____ Lump Sum ____

Composition to keep off white ants ____ Lump Sum ____

Imperial Military Original work

Abstract Estimate No. 128 of 1875/76

District Bangalore

Work Constructing a Latrine for Barrack Guard at French Rocks

Vide Asstt. Qr. Mr. General's Memo. No. 287 of 14th July 1875

Quantity	Description of work	Rate Rs		amount Estab
326	Cft. of Excavation	1	Cft.	2
1009	___ of Brick in chunam	26	"	158
44	___ of Arch work brick in chunam	3	"	8
68	Sqrs of open or honey comb tile work	8	"	5
24	Rft. of Stone plats 1½ wide 4"	8	Rft.	12
10·04	Sqrs of Plastering with chunam	3	"	30
10·04	___ of White & Color washing	4	"	3
·64	___ of Asphalt flooring	25	"	16
1	No. of step 2½ long and 12 wide	1	" 6	1
3	Talled wooden Buckets Complete	1	8 "	6
1	Do ___ Do ___ for cess pit	1	12 "	
13¾	Cft. of Teak wood wrought and put up	3	"	41
2·42	Sqrs of Roofing with tiles & teak rafters	12	"	29
	Constructing cistern with wooden cover Lump Sum			12
	Composition to keep off white ants			2
				325
	Sundries			15
	Estab Estimate Rupees			340

Brevet Major Mewburn A.D.C.

Estab
Dist. Engr. office
Bangalore
2nd November 1875.

Alex. Mewburn Major R.E.
District Engineer Bangalore

Specification to accompany Plan and Estimate for Constructing a Latrine for Barrack Guard at French Rocks

Amount of Estimate Rupees 340-

The excavation for foundation to be dug to a depth according to the dimensions shown on the plan.

The foundation, basement and superstructure to be built of good sound well burnt brick in chunam English bond to be observed throughout.

The gable ends of latrine and rear of Gangway are to be closed in with open or honeycomb tile work as shewn on the plan.

The walls to be plastered inside with two coats of chunam after the joints have been pointed out.

The inside rooms to be white washed and the outside blue-washed each with two coats

The floor of the latrine to be formed of Concrete laid to a consolidated depth of 3", over which a layer of asphalt 3/4" thick will be laid. and the floor of the Sweepers gangway to be lowered 6" to facilitate the removal and replacing of the buckets

in

on troughs E E E

The roof to be supported on teak wood Couples with collar pieces The rafters for couples 3"×4" and collar pieces 2½"×3". The couples to be 18" apart from centre to centre nailed on wall plates 4"×2½" placed over the walls as shewn on the plan and the couples to be covered with teak battens and pan tiles with chunam borders.

The eaves drain to be given a good fall to the cistern A.

The sides of the cistern or cess pit to be lined with stone slabs and to be covered with teak wood plank 1" thick with frames &c.

The sides and bottom of troughs to be also lined and floored with the same material.

Three tarred wooden buckets 12" dia at top, 10" dia at bottom and 12" high, also an ablution tarred tubs 12" dia at top 18" dia at bottom and 18" high will be provided.

Fdb
Dist Engrs office
Bangalore
2nd November 1875

Herbert Rebert Major R.E.
District Engineer Bangalore

District Engineers Office
Bangalore 12th November 75

No 132

From.

The District Engineers
Bangalore

To

The Chief Engineer
P. W. D
Madras

Sir

I have the honor to forward herewith for sanction an Estimate of Rs 340. with plan and Specification for constructing a Latrine for Barrack Guard at French Rocks.

The plan and Estimate have been prepared at the requisition of the Major General commanding the Divn. & have met with the approval of His Excellency the Commander in chief.

I am unable to point out the source from which the Cost of the work can be met as the allotment under the head Minor New Work for the current official Year has already been exhausted.

I have the honor to be
Sir
Your most obedt Servant
Henry Hubbard Major R.E
District Engr Bangalore

From
The Dist Engineer
Bangalore
To
The Chief Engineer
Madras

Dated 12th November 1875

Re Q
Estimate & Specification
for constructing a
Latrine for Barrack
Guard at French
Rocks — — —
Amounting to Rs 340

Rec'd 12/11/75
Ans 18/11/75

1220

Govt. of {1875} Madras.

PUBLIC WORKS.

To D. E. Baugalore

Dated 27/11/75

Issued

Recd Encl

G O 19th Nov. 1875, No 3309

Nos. 1146 - 1147.

Labour for Barrack Guard at French Rocks, Bangalore Dist. Demi Estimate amounting to Rs 641 for construction &c —— Sanctioned with remarks

Rs 3309 Lt. Govt.

the expenditure being authorised. the extra allotment from the contra fund for Rs 3270 Grants Nos 1146 & 1147 Nov. 1875.

Copy forwarded to the Govt. Bangalore

Cant. Sd

Cancls-11-75